

FEB 17 2009

Serial No. 10/536,862  
Art Unit 4158**LISTING OF THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) [[Device]] A device for producing medicinal foam, comprising:
  - an active agent chamber closed with a first piston,
  - a gas chamber closed with a second piston, and
  - a foam producing means connected with the active agent chamber and the gas chamber,wherein both pistons may be interconnected and displaced in common to feed the active agent and the gas to the foam producing means and  
wherein the two pistons are interconnected through a connecting element which opens one of the chambers when it is displaced.
2. (Currently amended) [[Device]] The device of claim 1, wherein the connecting element comprises a feed channel through which the active agent and/or the gas can flow towards the foam producing means.
3. (Currently amended) [[Device]] The device of claim 1, wherein the connecting element comprises an entrainment element for entraining one of the two pistons.
4. (Currently amended) [[Device]] The device of claim 1, wherein the feed channel connects the chamber opened by the connecting element immediately with the foam producing means and/or the other chamber.
5. (Currently amended) [[Device]] The device of claim 1, wherein the chambers adjoin each other.

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6. (Currently amended) [[Device]] The device of claim 1, wherein one of the two pistons is in particular rigidly connected to the foam producing means.

7. (Currently amended) [[Device]] The device of claim 1, wherein the foam producing means has a foam exit opening connectable to a foam collecting vessel or an application aid.

8. (Currently amended) [[Device]] The device of claim 1, wherein the foam producing means includes at least one sieve for producing foam.

9. (Currently amended) [[Device]] The device of claim 1, wherein a slow-down element is provided that is arranged upstream of the foam producing means to cause a slowing of the active agent and thus a pre-mixing of the active agent and the gas.

10. (Currently amended) [[Device]] The device of claim 1, wherein the connecting element has openings for the active agent and/or the gas to exit from the feed channel of the connecting element into a chamber.

11. (New) The device of claim 1, wherein the active agent chamber and the gas chamber are arranged one after the other.

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12. (New) A device for producing medicinal foam, comprising:  
an active agent chamber closed with a first piston,  
a gas chamber closed with a second piston,  
a hollow needle connected to the second piston, the hollow needle having an open end directed towards the first piston,  
an entrainment element rigidly connected to the hollow needle offset from the open end,  
openings defined through the second piston and/or through transverse bores of the hollow needle, and  
a foam producing device connected with the hollow needle and the openings,  
wherein the hollow needle interconnects the first and second pistons in common to feed active agent through the hollow needle and gas through the openings to the foam producing device upon displacement of the hollow needle through the first piston to a point where the entrainment element contacts the first piston.
13. (New) The device of claim 12, wherein the foam producing device is removably connected to the second piston by a holder.
14. (New) The device of claim 13, wherein the holder comprises a foam exit opening.
15. (New) The device of claim 14, wherein the foam exit opening comprises a Luer to which a conventional syringe is connectable.
16. (New) The device of claim 12, wherein the active agent chamber and the gas chamber are arranged one after the other.